

EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	10250	laser and seal\$4 with (tube tubular)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:21
S2	1959	laser same seal\$4 with (tube tubular)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:21
S3	970	laser same seal\$4 with (tube tubular) and reflect\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:21
S4	228	laser same seal\$4 with (tube tubular) and reflect\$8 with transmit\$9	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:42
S5	239	laser same seal\$4 with (packag\$4) and reflect\$8 with transmit\$9	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:24
S6	6	("4699684").URPN.	USPAT	OR	OFF	2006/03/21 12:27
S7	28	"3744402"	USPAT; EPO; DERWENT	OR	OFF	2006/03/21 12:29
S8	6	"2261388"	USPAT; EPO; DERWENT	OR	OFF	2006/03/21 12:29
S9	44	"3769117"	USPAT; EPO; DERWENT	OR	OFF	2006/03/21 12:29
S10	30	("3769117").URPN.	USPAT	OR	OFF	2006/03/21 12:30
S11	9	("3382343" "3410203" "3604890" "3663795" "3769117" "3778585" "3790744").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:32
S12	36	("3989778").URPN.	USPAT	OR	OFF	2006/03/21 12:33
S13	10	("3989778" "4414051" "4490203" "4549063" "4847462" "4945203" "5001325" "5452565" "5630308" "5701725").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:34
S14	13	("3124246" "3193978" "3212381" "3234705" "3874143" "3909582" "4549063" "4586312" "4693365").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:35
S15	12	("2921676" "3210908" "3636678" "3795080" "3807118" "4063398" "4168000" "4579221" "D173640").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:36
S16	16	("4693365").URPN.	USPAT	OR	OFF	2006/03/21 12:39

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S17	8	("3221427" "3549733" "3597579" "3655501" "3909582" "4028523").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:40
S18	31	("4549063").URPN.	USPAT	OR	OFF	2006/03/21 12:41
S19	33	("3469076" "3560291" "3629546" "3824368" "3974016" "3981230" "3989778" "4029535" "4036676" "4065080" "4069080" "4149918" "4158762" "4160894" "4185185" "4187408" "4219721" "4237363" "4350867" "4414051" "4439260" "4490203" "4499361" "4500382" "4539059" "4539463" "4564736" "4564739" "4613742" "4636609" "4680442").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:47
S20	9	("4439260").URPN.	USPAT	OR	OFF	2006/03/21 12:50
S21	18	("3265552" "3322613" "3340124" "3342657" "3467565" "3471353" "3496059" "3758370" "4011128" "4062712").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:51
S22	6	("2990875" "3560291" "3790744" "3989778").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:53
S23	55	("3560291").URPN.	USPAT	OR	OFF	2006/03/21 12:53
S24	25	("3560291" "3566071" "3900593" "4456490" "4636609" "4940314" "5103074" "5247180" "5296958" "5384618" "5385092" "5506614" "5557315" "5580698" "5589870" "5625403" "5719617" "5781225" "5785651" "5838480" "5840147" "5843265" "6118574" "6369845").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:53
S25	23	("3560291" "4425435" "4564932" "4636609" "5049274" "5095606" "5151149" "5279693" "5480155" "5647504" "5770328" "5830300" "5830348" "5843265" "5853577" "5855707" "5874146" "5893959" "5927537" "5949959" "6098586" "6213143").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 12:59

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S26	19	("3362866" "3364091" "3560291" "3769117" "3948705" "3989778" "4069080" "4430070" "4636609" "4709533" "4817188" "4832505" "4914272" "4990741" "5004356" "5103074").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:02
S27	24	("5279693").URPN.	USPAT	OR	OFF	2006/03/21 13:04
S28	8	("3384526" "3560291" "4214935" "4641315" "5113479" "5622032").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:07
S29	6	("4414051").URPN.	USPAT	OR	OFF	2006/03/21 13:14
S30	6	("2990875" "3560291" "3790744" "3989778").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:15
S31	36	("3989778").URPN.	USPAT	OR	OFF	2006/03/21 13:23
S32	33	clamp\$2 with transparen\$6 with laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:23
S33	18	("3383491" "3463898" "4327275" "4327277" "4358658" "4358659" "4424435" "4461947" "4531044" "4538956" "4547651" "4547652" "4574180" "4578554" "4588468" "4595816").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:26
S34	1	("6237308").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:27
S35	2	("5911665" "6094889").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:27
S36	6	("4503102" "4521437" "4608286" "5288531" "5302344" "5364486").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:28
S37	8	("5206075" "5322726" "5358792" "5376439" "5397613" "5424362" "5482770" "5530065").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:29
S38	1	("6207925").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 13:29
S39	6009	clamp\$4 with lens\$3	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:05
S40	871	clamp\$4 with lens\$3 and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:06

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S41	16	clamp\$4 with lens\$3 with (transmit\$5 transmission) and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:07
S42	969	clamp\$4 with (transmit\$5 transmission) and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:07
S43	374	S42 and seal\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:09
S44	95	S42 and seal\$5 and packag\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:10
S45	124	transparent near3 clamp\$4 and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:23
S46	6	("3304403" "3383491" "3463898").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:15
S47	4	("4959522").URPN.	USPAT	OR	OFF	2006/03/21 14:16
S48	40099	("269").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:23
S49	54	S48 and (laser ultraviolet uv) same (transmit\$7 transmission)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:24
S50	54	S48 and (laser ultraviolet uv) same (transparenC4 transmit\$7 transmission)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:07
S51	4	("2679111" "5911830" "5940424").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:34
S52	501	(156/304.5).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:35
S53	472	(156/272.8).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 14:35
S54	1	10/722,131	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:06
S55	340	(264/400).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:36
S56	978	(53/451,552).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:39

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S57	12	S56 and laser\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:37
S58	54923	("53").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:39
S59	564	S58 and laser\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:39
S60	40099	("269").CLAS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:40
S61	381	S60 and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:40
S62	400	S60 and laser\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 15:40
S63	964	S59 S62	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:08
S64	749	S63 and (seal\$4 cut\$4)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:08
S65	731	S63 and (seal\$4 cut cuts cutting)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/03/21 16:33
S66	1	10/722,131	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 17:55
S67	1	("6207925").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 14:46
S68	10	("3989778" "4414051" "4490203" "4549063" "4847462" "4945203" "5001325" "5452565" "5630308" "5701725").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 14:46
S69	0	laser with profile with heat near3 seal\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 17:56
S70	1161	laser with profile with gaussian	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 18:43
S71	4	S70 and heat near2 seal\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 17:56

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S72	149	S70 and weld\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 18:03
S73	199	S70 and seal\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 18:40
S74	105	S73 not S72	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 18:40
S75	198	laser\$4 and (seal\$4 weld\$4) and clamp\$4 with reflect\$8	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 18:44
S76	4	("4493087" "4528671" "4730324" "4881233").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/10 18:51
S77	5	"6207925"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 17:46
S78	15291	laser\$2 and optical with (detect\$8 monitor\$9) and seal\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 17:47
S79	223	laser\$2 same seal\$4 same (cut cutter cutting) and optical with (detect\$8 monitor\$9)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 17:57
S80	6575	laser\$2 same (cut cutter cutting) and optical with (detect\$8)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 17:57
S81	808	laser\$2 same (cut cutter cutting) and optical adj detector	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 17:58
S82	461	laser\$2 same (cut cutter cutting) and optical adj detector and continuous\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:07
S83	516	laser\$2 same (cut cutter cutting) and optical adj sensor and (web\$5 film\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:24
S84	18	("3700850" "3806829" "4164640" "4311142" "4338508" "4423726" "4504727" "4565736" "4672215" "4676586" "4681396" "4739162" "4764655" "4766285" "4772772" "4799755" "4838631" "4960970").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:21
S85	447	laser\$2 same (cut cutter cutting) and beam adj profile\$2 and lens\$4 and filter\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:25

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S86	252	laser\$2 same (cut cutter cutting) and beam adj profile\$2 and lens\$4 and filter\$4 and Gaussian	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:32
S87	76	laser\$2 same machining and beam adj profile\$2 and lens\$4 and filter\$4 and Gaussian	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:37
S88	834	laser\$2 and beam adj profile\$2 and lens\$4 and filter\$4 and Gaussian	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:40
S89	26	S88 and (cut cutting) with (web\$2 film\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:39
S90	69	S88 and machining and (web\$2 film\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:39
S91	180	laser\$2 and (shaping shaped) with beam with profile\$2 and lens\$4 and filter\$4 and Gaussian	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:40
S92	7	("3848104" "4138190" "4475027" "4521075" "5300756" "5473475" "5627847").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/04/24 18:45
S93	16	optical with scan\$4 same weld with line\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 11:39
S94	43	optical with scan\$4 same heat with seal\$4	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 11:46
S95	527	optical with scan\$4 and heat with seal\$4 and laser\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 12:58
S96	142940	heat with seal\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 16:12
S97	675	S96 and optical\$4 near\$4 scan\$5	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:00
S98	979	heat with seal\$5 and examin\$8 with (weld\$2 seal\$2)	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:15
S99	17	heat with seal\$5 and examin\$8 with (weld\$2 seal\$2) with optical\$6	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:15
S100	16	("1763109" "3656066" "3754146" "4110048" "4212192" "4274748" "4302106" "4377341" "4461570" "4647197" "4679075" "4776692" "4877205" "4993830" "5068799").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:16

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S10 1	7	("5184190").URPN.	USPAT	OR	OFF	2006/06/16 13:26
S10 2	7	("5184190").URPN.	USPAT	OR	OFF	2006/06/16 13:26
S10 3	13	("3415369" "3678176" "3941485" "4053056" "4453083" "5184190" "5260766" "5673111" "5861078" "5870199" "5957821" "6189702").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:27
S10 4	4	("3941485" "4242702" "4496819" "5184190").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:28
S10 5	4	("3941485" "4242702" "4496819" "5184190").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:37
S10 6	5	("5260766").URPN.	USPAT	OR	OFF	2006/06/16 13:37
S10 7	88	heat with seal\$5 and gaussian with laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:49
S10 8	9	("3677868" "3791856" "3945873" "3963820" "4149288" "4291087" "4540392" "5011709").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:41
S10 9	157	heat with seal\$5 and gaussian and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:49
S11 0	69	S109 not S107	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:52
S11 1	36	"5630308"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 13:52
S11 2	23	("4095237" "4419678" "4463359" "4771295" "4774530" "4791438" "4970600" "5010231" "5061341" "5091284" "5189437" "5208604" "5233369" "5312517" "5320789" "5408738" "5415939" "5442384" "5696546" "6229114" "6268585" "6313434" "6346687").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 14:30
S11 3	1	("6207925").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 14:30

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S11 4	10762	heat with seal\$5 and laser\$2	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 16:12
S11 5	674	S114 and across with width	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:39
S11 6	3	"0472850"	EPO; DERWENT	OR	OFF	2006/06/16 17:39
S11 7	5	"472850"	EPO; DERWENT	OR	OFF	2006/06/16 17:39
S11 8	15	("20020008809" "20020144984" "3989778" "4924062" "4945203" "5173583" "5595670" "5630308" "5659479" "5701725" "6103050" "6237308" "6387209" "6670574" "6818857").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/16 17:47
S11 9	11	("6237308" "6656310" "6631605" "6794053" "6719863" "6826892" "6874299" "6795611" "7023001" "7062125" "6840667" "7023001" "7062125" "6840667").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/17 09:50
S12 0	4	S119 and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/17 09:41
S12 1	1	10/722131	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/17 10:01
S12 2	2001	((264/400) or (156/251,515)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/17 09:58
S12 3	4403	((264/400) or (156/251,275.1,290) or (53/451,551)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 07:13
S12 4	1467	((264/400) or (156/251)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 07:31
S12 5	529	S123 and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/17 09:59
S12 6	0	S121 and said	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/17 10:01
S12 7	0	S121 and "said"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/17 10:01
S12 8	0	10/722,131 and said	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/17 10:01

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S12 9	4403	((264/400) or (156/251,275.1,290) or (53/451,551)).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 07:13
S13 0	529	S129 and laser	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 07:13
S13 1	7	"4699684"	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/19 07:31